EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	("20060124145").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/26 13:34
S3	959	(131/331,332,339).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/01/26 13:35
S11	503	S3 and (@ad<"20021113" or @rlad<"20021113")	US-PGPUB; USPAT	ADJ	OFF	2009/01/26 14:10
S12	240	S11 and filter and carbon	US-PGPUB; USPAT	ADJ	OFF	2009/01/26 14:10
S13	53	S12 and starch	US-PGPUB; USPAT	ADJ	ON	2009/01/26 14:11
S14	113	schmidt-harald.in.	US-PGPUB; USPAT	ADJ	ON	2009/01/26 14:20
S15	18	S14 and filter	US-PGPUB; USPAT	ADJ	ON	2009/01/26 14:21
S16	9	S15 and (@ad<"20021113" or @rlad<"2021113")	US-PGPUB; USPAT	ADJ	ON	2009/01/26 14:21
S19	19	S13 and (channel or pore)	US-PGPUB; USPAT	ADJ	ON	2009/01/26 14:44
S20	66	S11 and (water jet or needle or laser)	US-PGPUB; USPAT	ADJ	ON	2009/01/26 15:04
S21	45	S11 and laser	US-PGPUB; USPAT	ADJ	ON	2009/01/26 15:06
S22	1	S11 and water jet	US-PGPUB; USPAT	ADJ	ON	2009/01/26 15:06
S23	24	S11 and needle	US-PGPUB; USPAT	ADJ	ON	2009/01/26 15:06
S24	161	S11 and (stack or layer)	US-PGPUB; USPAT	ADJ	ON	2009/01/26 16:00
S29	14	S11 and laser and (micron or micrometer)	US-PGPUB; USPAT	ADJ	ON	2009/01/26 16:15
S31	1	("5360023").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/26 16:43
S32	970	(131/331,332,339).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/27 13:10
S33	137	S32 and (cotton or hemp)	US-PGPUB; USPAT	ADJ	ON	2009/05/27 13:10
S34	4	S32 and (pore or channel) and (direction near gas)	US-PGPUB; USPAT	ADJ	ON	2009/05/27 13:27

S35	73	("20020148478" | "20020166563" | "20030098030" | "20030183237" | "20040040565" | "2881770" | "3006346" | "3079926" | "3101723" | "3353543" | "3388707" | "3744497" | "3894545" | "3958579" | "4038992" | "4226250" | "4379465" | "4412937" | "4481958" | "4677995" | "4700723" | "4753717" | "4772508" | "4774972" | "4820681" | "4917835" | "4933314" | "5059578" | "5191905" | "5322075" | "5360023" | "5389325" | "5409021" | "5435326" | "5499636" | "5510063" | "5543096" | "5549125" | "5568819" | "5591368" | "5632286" | "5666976" | "5685986" | "5692525" | "5692526" | "5732718" | "5733451" | "5744421" | "5820967" | "5827355" | "5846639" | "5914294" | "5915387" | "5934289" | "5972253" | "5988176" | "6026820" | "6030698" | "6053176" | "6090477" | "6206007" | "6207264" | "6214204" | "6257242" | "6258300").PN. OR ("6814786").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/27 13:38
S37	1	S32 and (base material near activated)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/27 13:59
S39	38	S32 and ((cotton or hemp or cellulose or fiber) near amount)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/27 14:00
S44	97	S32 and (laser or water jet or needle)	US-PGPUB; USPAT	ADJ	ON	2009/05/27 15:25
S45	970	(131/331,332,339).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/28 11:31
S46	25	S45 and (cotton and carbon monoxide)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:31
S47	970	(131/331,332,339).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/01 10:23
S48	169	S47 and (cellulose fiber or cotton or hemp)	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:23
S49	167	S47 and (cellulose fiber or cotton or hemp) and filter	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:36

S50	19	S47 and (cellulose fiber same (amount or percent))	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:46
S51	977	(131/331,332,339).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/09 15:10
S52	35072	"131".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 15:11
S53	6401	S52 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 15:11
S54	1598	S53 and (pore channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 15:11
S55	279	S54 and micron	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 15:11
S56	95	S55 and ((pore channel) same micron)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 15:11
S57	244	S51 and (pore channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 15:58
S58	47	S57 and ("water jets" needle laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 15:58
S59	2	("5497793").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 10:25

S60	2	("5709227").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 10:32
S61	977	(131/331,332,339).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/12 13:03
S62	119	S61 and (cotton hemp) and fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:03
S63	977	(131/331,332,339).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/12 13:05
S64	100	S63 and ((cotton hemp) same fiber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:05
S65	983	(131/331,332,339).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/18 13:35
S66	1504	(131/331,332,339).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/19 11:27
S67	51	S66 and ((cotton hemp) near (fiber fibre))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 11:28
S68	533	S66 and (laser needle perforat$4 pore channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 11:31
S69	447	S66 and (laser needle perforat$4 channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 11:31

S70	3	S66 and (laser same channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 11:44
S71	106	S66 and ((hemp cotton) same (present amount contain percent))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 11:48
S72	2620	(tobacco cigaret$4) and (fiber fibre) and filter and (cotton hemp) and starch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:27
S73	192	S72 and "131".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:28
S74	516	(131/339).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 12:57
S75	772	(131/331).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 13:33
S76	115	tobacco and filter and (natural adj (fiber fibre)) and (cotton hemp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 14:18
S77	40	tobacco and filter and (natural adj (fiber fibre)) and (cotton hemp) and "131".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 14:21
S78	322	(natural near (fiber fibre)) and (tobacco cigaret$4) and filter and (cellulose hemp cotton)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 15:36

S79	77	(natural near (fiber fibre)) and (tobacco cigaret$4) and filter and (cellulose hemp cotton) and "131".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 15:38
S80	216	131/331,332,339.ccls. and channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 16:20
S81	44	131/331,332,339.ccls. and channel and (micrometer micron)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 16:28
S82	15	"131".clas. and ((pore channel) near (micron micrometer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 17:18

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